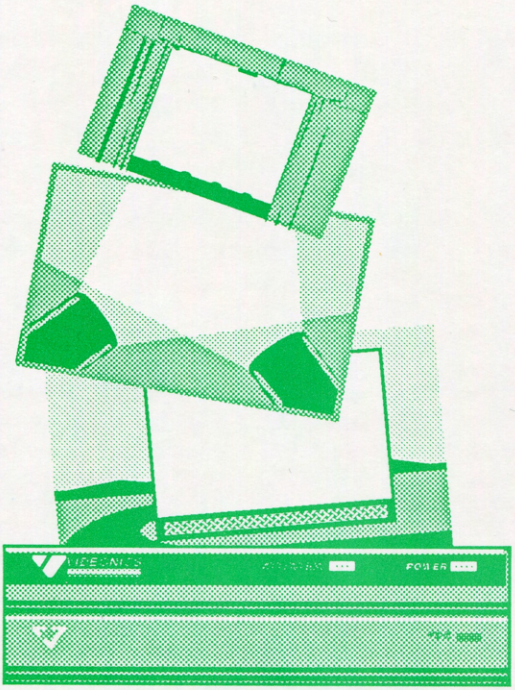
VIDEONICS DirectED PLUS and ProED

Graphics Library



INSTRUCTIONS

This Videonics Graphics Library adds new graphics and title styles to Videonics editing products.

The added graphics and title styles support all the features of Videonics video editors. As with the original graphics and title styles, you can:

- Add titles in 64 colors to a graphic, or on top of your video scenes.
- Use a different color and a different title style for each line of titles.
- Change the background color of each graphic to any of 64 colors.
- Combine them with any of the built-in special effects.

Videonics DirectED PLUS and ProED

Graphics Library

Add brilliant graphics and title styles to all Videonics editing systems!

You can add more Graphics Libraries. Each time you add a Library, its graphics and title styles are added to the ones already in the product — you can use your choice of old and new graphics and title styles, together or separately!

Digital graphics technology: The Graphics Library is not simply a videotape of video images — the graphics and title styles are recorded *digitally* on the tape. This means they have the same brilliant clarity and features as the ones that come with DirectED PLUS and ProED.

Requirements: The Graphics Libraries work equally well with DirectED PLUS, Production Assistant, and ProED. Users of the original DirectED must upgrade to DirectED PLUS. An inexpensive upgrade package is available.

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Graphics Library Instructions

Addendum

Please note the following changes to the Graphics Library Instructions:

1 • The Billboard title style includes a dollar sign ($) in place of the small Videonics logo (▼). Type a comma (SHIFT 5); position the cursor over the comma; press AUDIO. See page 6-10 of the Director's Manual for more information.

2 • On page 2, after the first paragraph, add: "If this is the first Graphics Library you have installed, begin with **STEP 1**. If you have already installed one or more Graphics Libraries, you can skip to **STEP 5**."

3 • On page 5, at the end of step 4 add:

POSSIBLE ERRORS

If the top menu doesn't appear after you use Library Tape 1 or the Getting StartED tape to restart the system, follow this procedure:

- Unplug the system, wait a few seconds, and plug it in again.
- When the START message appears on the screen, insert the Graphics Library Tape into the MAIN VCR, rewind to the beginning, and press play.
- When the Graphics Library menu appears, press stop on the VCR control panel. Then press "Z" on the Videonics remote control. The START message should reappear.
- Now insert either Library Tape 1 or the Getting StartED tape. After the dashes have filled in the blue stripe, the top menu should appear. If not, call the Videonics *HelpLine* for assistance.

4 • On page 7, at the end of the third paragraph, add:

Note: You may run out of memory if you attempt to install multiple graphics or titles styles all at once. To avoid this problem, install just *one* graphic or title style at a time. Simply highlight the name in the "**Choose graphic**" or "**Choose title style**" listing and press CHG DISP.

5 • On page 10, third paragraph, third sentence and on page 11, fourth paragraph, first sentence, change "Resource Library" to "Graphics Library."

Description

Videonics Graphics Libraries are add-on software tapes that add new title styles and graphics to Videonics DirectED PLUS and ProED. You can add one Graphics Library, or many! With each addition, you have access to all the title styles and graphics you had before, plus the ones in the new Library.

The added title style and graphics have the same features as the ones that came with your Videonics system: they are digitally generated; you can change the background and title colors, choosing from a palette of 64 colors; and you can combine titles, graphics, and special effects, even titling over your video scenes.

Graphics Libraries make your DirectED PLUS or ProED video editing system more versatile and make your video productions more professional!

How it works

The Graphics Library is not simply a tape of video images. Instead, it contains a digital representation of the images. The tape is used to store the digital data, similar to the way a floppy disk stores data for a computer. When you install the tape, it is incorporated in DirectED PLUS or ProED, adding to the title style and graphics that came with the editing product.

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CONTENTS

SECTION 1 DirectED PLUS installation

SECTION 2 ProED installation

SECTION 3 Previewing the graphics and title styles (optional step)

SECTION 1: DirectED PLUS installation

This section describes how to add the Graphics Library to DirectED PLUS (or DirectED PLUS/Production Assistant). Instructions for adding them to ProED are in Section 2.

If your MAIN VCR uses a tape format other than VHS, perform the following steps.

Borrow a VHS player and copy the Graphics Library tape, using these steps:

- Connect a cable from VIDEO OUT of a VHS VCR (the playback machine) to the VIDEO IN of the non-VHS VCR (the recording VCR). Connect the VCRs together using VIDEO inputs and outputs, NOT the RF or antenna connections. You can leave the AUDIO jacks unconnected. Connect VIDEO OUT of the recording machine to the VIDEO input of your television, so you can see what's being recorded.
- Set both VCRs to standard speed (SP for VHS and 8-mm, B-II for Beta).
- Insert the Graphics Library tape in the VHS player. Insert a blank tape in the non-VHS recorder. Play the Graphics Library tape and adjust the tracking on the player, if necessary. Stop the tape.
- Rewind both tapes completely, then start both at the same time. That is, press PLAY on the play machine and RECORD on the recording machine at the same moment.
- Record the entire length of the tape.

STEP 1: Confirm that you have DirectED PLUS

The Graphics Library requires DirectED PLUS (or DirectED PLUS with the Production Assistant), as opposed to the original DirectED. Check the label on the Getting StartED tape that came with your unit for the words, "DirectED PLUS." If it only says "DirectED," you will need to upgrade your unit to DirectED PLUS. An inexpensive upgrade is available. In addition to allowing you to use Graphics Libraries, the DirectED PLUS upgrade gives you more graphics and titles, better performance, and is faster and easier to use. Contact your Videonics dealer, or call Videonics for more information; outside the U.S., contact your Videonics distributor.

STEP 2: Prepare DirectED PLUS

• If you have not installed DirectED PLUS:

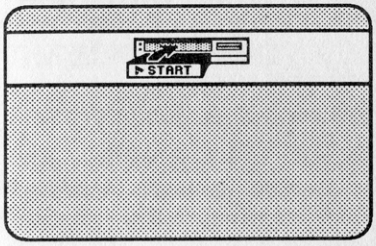
If you have DirectED PLUS but have never installed it (in other words, you don't have a DirectED PLUS Library Tape 1), follow the DirectED PLUS installation instructions in Chapters 1 through 3 of the Director's Manual. Then proceed with the following steps.

• If you have DirectED PLUS and *have* made a Library Tape 1:

Start DirectED PLUS normally and press CANCEL repeatedly until you see the "top menu":

(Depending on which Videonics products you have purchased, the appearance of this menu may differ slightly.)

Highlight "**Start a new application**" and press SELECT. DirectED PLUS may ask you to insert Tape 1 at this point. This means you have made changes to your movie data and DirectED PLUS wants to save them. Follow the on-screen instructions.



When you see the picture asking you to insert a *Getting StartED* tape, insert the **Graphics Library tape** (*not* the DirectED PLUS *Getting StartED* tape or Library Tape 1) in the MAIN VCR. Rewind it to the beginning and press PLAY. Within a few minutes, you'll see a new menu:

Videonics Graphics Library

Press SELECT to preview the graphics and title styles in this Graphics Library.

Press A to automatically cycle through the graphics and title styles once. Press C to cycle them continuously.

To install the Graphics Library in DirectED PLUS or ProED, see the Graphics Library instructions.

POSSIBLE ERRORS

If the menu doesn't appear, read the end of Chapter 1 of the Director's Manual, starting with the section, "Turning DirectED PLUS on." In particular, you may need to adjust tracking on the MAIN VCR.

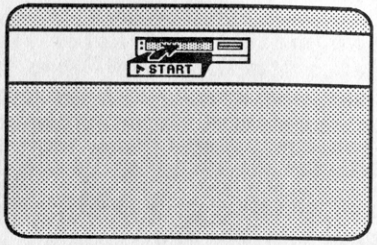
STEP 3: Preview the Graphics Library.

At this point, you can preview the graphics if you like, as described in Section 3 of this manual.

STEP 4: Restart DirectED PLUS.

With the Graphics Library menu displayed on the screen, press the "Z" key on the Videonics remote.

You will see this picture, asking you to insert a *Getting StartED* tape. Instead, insert your **Library Tape 1** in the MAIN VCR. If you don't have a Library Tape 1, insert the Getting StartED tape (not the Graphics Library tape).

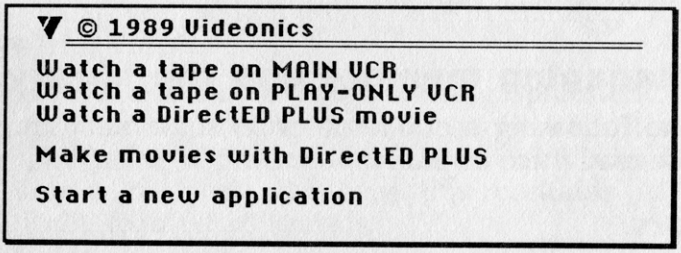


Rewind it to the beginning and press PLAY. Within a few minutes, you'll see the DirectED PLUS top menu (shown below).

(If you used the Getting StartED tape in this step, rather than Library Tape 1, perform the "learn VCR" steps in Chapter 3 of the Director's Manual.)

STEP 5: Load the Graphics Library.

Start with the DirectED PLUS top menu:



Highlight "**Make movies with DirectED PLUS**" and press **SELECT**. Then, choose the following menu items, in order:

- **Revise movie library**
- **Restore memory**
- **Load new graphics library**

Follow the on-screen instructions: Insert the Graphics Library tape, rewind it, and press PLAY. Note that the screen will go blank for a few seconds while the tape loads. This is normal.

POSSIBLE ERRORS

• You may see the blue message, "**Unable to continue until VCR's remote and motion characteristics are learned using "Setup" menu...**" Repeat the MAIN VCR setup steps in Chapter 3 of the DirectED PLUS manual (learn and check the VCR remote control, then learn the PLAY and RECORD characteristics). Note that when DirectED PLUS asks for a Getting StartED tape during these steps, you must use the DirectED PLUS or Production Assistant Getting StartED tape; not the Graphics Library tape. After you re-learn the characteristics, go back to the "**Restore memory**" menu and select "**Load new graphics library**."

• If you see the message, "**Not enough memory to continue...**," then the movie data on your Tape 1 plus the graphics names on the tape would not fit into DirectED PLUS. Remove some of the DirectED PLUS data from memory, as explained in Chapter 9 of the DirectED PLUS manual. Then repeat step 6.

STEP 6: Save the results

Press PWR. DirectED PLUS will ask you to insert Library Tape 1. Do so and DirectED PLUS will save the new graphic names, along with your library data on Library Tape 1.

STEP 7: Managing memory and the library

Important! The following sections describe some very important concepts. Please read them carefully.

About memory

The Video Control Unit's memory holds the DirectED PLUS program, the graphics, title styles, HELP screens, etc. It also holds your movie data — the contents of your library tapes, the structure of your movies, any titles you've made, etc.

Normally, there is enough memory to hold everything, including hundreds of scenes. But as you add movie data and new graphics, you will probably run out of memory and will need to know how to

remove items you no longer need. You will also need to know how to restore items from the Getting StartED and Graphics Library tapes. Fortunately, DirectED PLUS handles the details, so managing memory is fairly simple.

About graphics, title styles, and their names

An important concept: When you load a new Graphics Library, the graphics and title styles themselves are not loaded into memory. Only their names are loaded. Whenever you see a list of graphics or title styles, all the names will appear on the list, whether or not the graphics and title styles themselves are in memory. The list will look something like this:

On the road	In memory	550
Space	In memory	692
Television set	In memory	1423
Keyhole	In memory	990
Curtain		2569
Movie frame		1845
Picture frame		1944
Director's graphic		1248

The list tells you which items are in memory and how much memory they consume.

When you create a movie, you can use graphics and title styles that are not in memory. When you try to view an item that's not in memory, or make a production that contains one, DirectED PLUS will ask you to insert the tape that contains it. It will then automatically load what it needs.

Title styles

Titles work the same way as graphics with one exception: the normal, shadow and inverse styles are always removed and restored together. For example: If you remove Typist (shadow), Typist and Typist (inverse) will also be removed. When you restore one, they

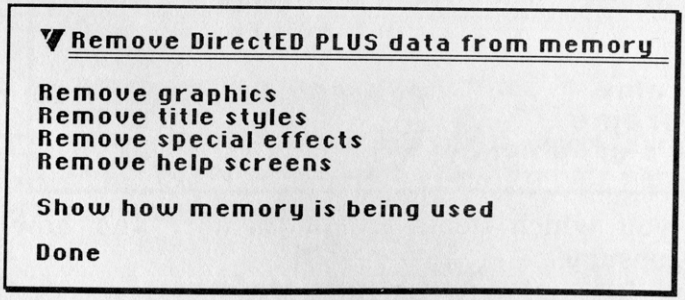
all come back. We recommend you only delete or insert the normal style, rather than the inverse or shadow styles.

POSSIBLE ERROR

When you restore a title style, DirectED PLUS may ask you to insert the Getting StartED or Graphics Library tape again and again. Press CANCEL. The title list may indicate that some of the related styles are not in memory — for example, it may show that inverse is there, but normal and shadow are not. In fact, if one is in memory, they all are. Even though the list is wrong, all the styles will work normally.

Removing items from memory

The easiest way to make room for more graphics, movies, etc. is to remove items you no longer need. Choose "**Revise movie library**" from DirectED PLUS's top menu, then choose "**Remove DirectED PLUS data from memory**."



If you are relatively experienced, removing the help screens is a good idea, since help screens use quite a lot of memory.

You may want to remove items you know you will never use. All graphics and title styles are removable, including the ones that came with DirectED PLUS. You can also remove their names but note that while it is simple to restore graphics and title styles, restoring names is not so convenient.

Chapter 9 of the DirectED PLUS manual describes removing and restoring items in detail.

Adding or restoring graphics and title styles

You don't need to manually add graphics and title styles because DirectED PLUS will do it for you whenever they are needed. However, it may be convenient to manually add the ones you know you will be using, to avoid frequent requests for the Graphics Library tapes. There are two handy ways to do this.

• **To add a few graphics,** start with the "**Add or change a title/graphic**" menu:

```
Add or change a title/graphic

Preview graphics and title styles

Choose graphic ............................ Solid color
Choose graphic background color........ ■■■■
Choose title style ........................... Big Block
Choose title color ........................... ■■■■
Enter titles

Title/graphic duration (sec) ........................... 5
View title/graphic
Done
```

Highlight the "**Choose graphic**" line and press CHG DISP . You will see a list of graphics. Highlight the graphic you want to bring into memory and press CHG DISP (the normal method for previewing a graphic). An on-screen message will tell you which tape to insert and DirectED PLUS will read the graphic from the tape and place it in memory.

• **To add several graphics,** simply create a small movie that contains those graphics and preview it. DirectED PLUS will ask for the tape (or tapes) it needs and load all the graphics.

Once a graphic is in memory, it remains there until you remove it using the "**Remove DirectED PLUS data from memory**" menu, as described in the previous section.

When you're done...

... press PWR and follow the on-screen instructions, to save everything on Library Tape 1, including any items you have placed in memory.

SECTION 2: ProED installation

This section describes how to add the Graphics Library to ProED. Instructions for adding them to DirectED PLUS (or DirectED PLUS/Production Assistant) are in Section 1.

About graphics, title styles, and their names

An important concept: When you load a new Graphics Library, the graphics and title styles themselves are not loaded into memory. Only their names are loaded. Whenever you see a list of graphics or title styles, all the names will appear on the list, whether or not the graphics and title styles themselves are in memory. If an item is not in memory, it will be surrounded by parentheses. (See the example in the following section.)

Loading graphic and title style names

The first step is to install the graphic and title style names so you can use them in scripts. Start ProED normally. Then insert the Graphics Library tape in the recording VCR and locate the section of the tape identified by the words "Resource Library" at the top of the screen. It's about three minutes after the start of the tape. Stop the tape at the start of the "Resource Library" section.

With any ProED window on the screen, press SHIFT-I and press PLAY on the VCR. ProED will automatically load all the graphic and title style names on the tape.

Loading graphics

Highlight the name of any graphic, in any script, and press CONTROL twice. You will see a list of all graphic names. The ones that are not in memory will be indicated by parentheses. To load an item into memory, highlight it and press SHIFT-INSERT. The parentheses will be replaced by asterisks, indicating that it is ready to

be loaded. Repeat for any other items you want in memory. If you change your mind, use SHIFT-INSERT again and the asterisks will become parentheses again. Here's an example of the graphics screen:

Solid color	Birthday cake
Lake	Sunset
Ribbons	Color bars
(Clapboard)	(Spotlight)
Paper burst	(Curtains)
Frame	*Billboard*

In this example, "Clapboard," "Spotlight," and "Curtains" are in parentheses, meaning they are not in memory. They can be used in a script, but will need to be loaded into memory before they can be viewed or assembled into a production.

"Paper burst" and "Billboard" are surrounded by asterisks. This means they have been tagged (using SHIFT-INSERT) to be restored (but are not yet in memory).

To bring the tagged items into memory, insert the Graphics Library tape into the Recorder, position it at the "Resource Library" and press SHIFT-I. Press PLAY on the VCR and the items that have asterisks will be copied from the tape to memory. (Any title styles that are atgged will also be loaded at the same time.)

If there is not enough memory to restore all the items, ProED will bring in what it can and leave the rest unrestored.

Note: You don't need to use the title or graphic list to tag items for restoration. You can tag any visible item — a graphic in a script, for instance — without displaying the whole list.

Loading title styles

Title styles are loaded exactly the same way, using the list of title styles instead of the list of graphics. Related title styles (normal, inverse, and shadow) are all added or removed at once. For instance, you can't remove Big Block without also removing Big Block shadow and inverse.

When you use SHIFT-I to load the tape, all tagged graphics and all tagged title styles will be loaded at once.

Assembling scripts

Suppose you are ready to assemble a script that contains graphics and title styles that are not in memory. You can go ahead and assemble it anyway. Any missing graphics and title styles will be replaced by a blank screen with the name of the missing item. This is convenient for making a quick rough cut.

When you are ready to make the real production, here's a convenient way to tag all the title styles and graphics in the script. Highlight each parenthesized item in the script and press SHIFT-INSERT to tag it. Then use SHIFT-INSERT to load all of them at once. You are now ready to assemble.

Deleting items from memory

If you continually add items to memory, you won't have enough room for scenes and scripts. Deleting unused (or rarely used) items is simple. In the list of graphics, highlight an item you wish to delete and press SHIFT-DELETE. The item will be deleted immediately and parentheses will indicate that. Title styles are deleted the same way. As mentioned earlier, the normal, shadow, and inverse versions of a title style are always added or removed together.

You cannot delete graphics and title styles from a script — as a safeguard, they can only be deleted from their respective lists.

SECTION 3:
Previewing the graphics and title styles

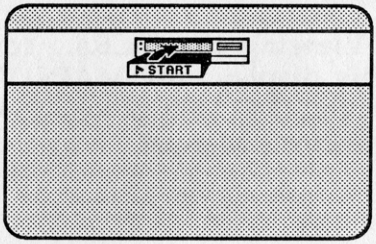
This step is optional. Though designed primarily for Videonics dealers, this feature is a convenient way to take a quick look at the contents of the tape or to demonstrate the graphics. To install the Graphics Library, refer to Section 1 (for DirectED PLUS installation); or Section 2 (for ProED).

Step 1 • If the unit is hooked up and running with DirectED PLUS, press CANCEL or choose "**Done**" until you see the "top" level menu, then choose "**Start a new application**." If DirectED PLUS asks you to insert Tape 1, follow the on-screen instructions. Skip to Step 4.

Step 2 • If ProED is running, save your script data and press SHIFT-Q (or unplug the unit). Skip to Step 4.

Step 3• If the Videonics Video Control Unit has not been hooked up, connect it to your VCR and television/monitor, as described in the manual that came with it. (If all you will be doing is previewing the Graphics Library, you can omit the connections to the PLAY VCR.) Plug the unit in.

Step 4 • You should see the screen that tells you to insert the Getting StartED tape. *Insert the Graphics Library tape instead of the Getting StartED tape.* Rewind the tape to the beginning and press PLAY. The colored bar will fill with dashes and you will see the Graphics Library introduction screen.



POSSIBLE ERRORS

If you don't see the correct screens, refer to the beginning of the DirectED PLUS or ProED manual for troubleshooting hints.

Videonics Graphics Library

Press SELECT to preview the graphics and title styles in this Graphics Library.

Press A to automatically cycle through the graphics and title styles once. Press C to cycle them continuously.

To install the Graphics Library in DirectED PLUS or ProED, see the Graphics Library instructions.

• **Manual preview mode:** Press SELECT to preview the graphics and title styles one at a time. Press any key to bring up the next graphic or title style. CANCEL ends the preview.

• **Automatic and continuous modes.** Press A to automatically cycle through all the graphics and title styles. C will cycle through them again and again. CANCEL will end the preview. Any other key will pause the show and the graphic that was on the screen will remain there.

• **Viewing the VCRs.** You can view the VCRs by pressing PWR . This displays the MAIN VCR on the screen. This is identical to DirectED PLUS's power-down mode, as described in Chapter 4 of the Director's Manual.